

83063

April-12-12 4:06:12 PM

Accept

N900040100

Setup Start *NS1*

Stop *NS2*.

Start Date: 12/04/2012 **Start Qty:** 4.00

4

Cust Item ID:

Required Date: 26/04/2012 **Req'd Qty:** 4.00

4

Customer:

Reference:

Date: 12/04/13

Tooling:

Date:

Run Start *NR1*

Date:

SPC (Y/N):

Date:

Stop *NR2*

10

0.00

100

FLOW-WATER JET

0.00

Waterjet

Memo

FLOW CNC Waterjet

1-Cut as per Dwg

Dwg Rev: A

Prog Rev: _____

2-Deburr as required

0.00

110

QC2- Inspect parts off machine FAI/FAIB

0.00

QC

Memo

Quality Control

B125-30

13125-30

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
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| | | | | | | | | |

NOTE: Date & initial all entries

83063

April-12-12 4:06:12 PM

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Start Date: 12/04/2012 **Start Qty:** 4.00 ***4***

Cust Item ID:

Required Date: 26/04/2012 **Req'd Qty:** 4.00 *** / ***

Customer:

Reference:

Run Start *NR1*

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Stop *NR2*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

120 QC8- Inspect parts - second check

0.00

120

QC Memo

0.00

Quality Control

| | | |
|-----|---------------------------------------|------|
| 180 | Identify as per dwg & Stock Location: | 0.00 |
|-----|---------------------------------------|------|

180

Packaging

0.00

Packaging

| | | |
|-----|---|------|
| 190 | QC21- Final Inspection - Work Order Release | 0.00 |
|-----|---|------|

190

QC Memo

0.00

Quality Control

MC
12-05-30

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes' No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
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| | | | | | | | | |

NOTE: Date & initial all entries

Picklist Print

April-12-12 4:06:16 PM

Page 1

Work Order ID: 83063

83063

Parent Item: D4522-19

D4522-19

Parent Item Name: Linkage

Start Date: 12/04/2012

Required Date: 26/04/2012

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A NEW ISSUE 12-01-04 JLM VERIFIED BY:EC

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| M304S16GA | | Purchased | No | | | | sf | 239.8520 | | 0.021053 | 5 | | |

M304S16GA

304/316 Sheet .063

**

1812-30

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| MAT020 | 239.852 | |
| 120866 | 38.446 | |
| 120877 | 137.326 | |
| 121070 | 64.08 | |

121889
~~120877~~

10

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
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| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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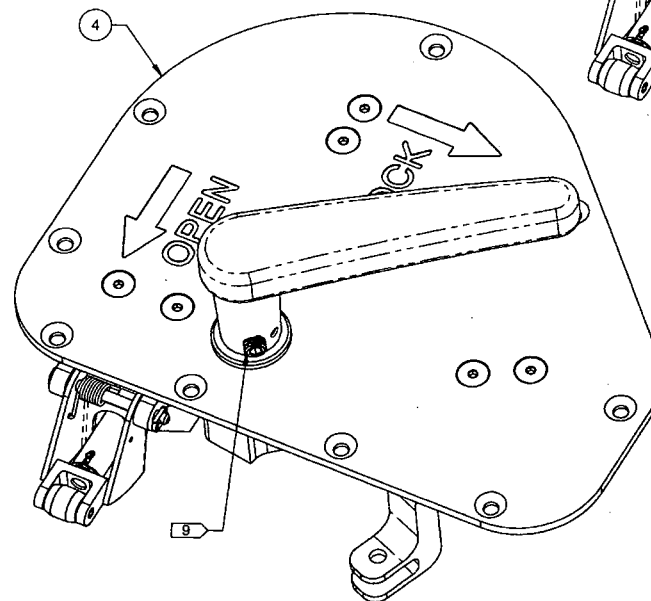
NOTE: Date & initial all entries

| ITEM | QTY -041 | QTY -043 | P/N | DESCRIPTION |
|------|-------------|-------------|------------------|-------------------------------|
| | X | | D4522-041 | DOOR LATCH ASSY, LH, OEM |
| | | X | D4522-043 | DOOR LATCH ASSY, LH |
| 1 | 1 | 1 | D4522-045 | BASE, HORIZONTAL SWING ARM |
| 2 | 1 | 1 | D4522-047 | BASE, VERTICAL SWING ARM |
| 3 | 1 | 1 | D4522-049 | BASE, LATCH SHAFT |
| 4 | 1 | | D4522-1 | BASE PLATE, OEM (LH) |
| 5 | 1 | 1 | D4522-11 | HANDLE SHAFT ARM |
| 6 | 1 | 1 | D4522-13 | HANDLE SHAFT ADAPTER |
| 7 | 2 | 2 | D4522-17 | LINKAGE |
| 8 | 2 | 2 | D4522-19 | LINKAGE |
| 9 | 2 | 2 | D4522-21 | LINKAGE |
| 10 | 1 | 1 | D4522-25 | LATCH SHAFT |
| 11 | | 1 | D4522-31 | BASE PLATE (LH) |
| 12 | 1 | 1 | D4522-9 | VERTICAL SWING ARM |
| 13 | 1 | 1 | D4529-041 | HORIZONTAL SWING ARM |
| 14 | 1 | 1 | D4530-041 | LATCH ROLLER |
| 15 | 1 | 1 | D4531-1 | LATCH SHAFT BRACKET |
| 16 | 1 | 1 | D4574-1 | INTERIOR L-HANDLE |
| 17 | 1 | 1 | LE045005S | EXTENSION SPRING (LEE SPRING) |
| 18 | 1 | 1 | MS-20995-C20 | LOCK WIRE |
| 19 | 1 | 1 | MS16562-193 | SPRING PIN |
| 20 | 1 | 1 | MS16562-223 | SPRING PIN |
| 21 | 1 | 1 | MS16562-227 | SPRING PIN |
| 22 | 1 | 1 | MS16624-4062 | EXTERNAL RETAINING RING |
| 23 | 1 | 1 | MS20392-1P41 | DRILLED PIN |
| 24 | 1 | 1 | MS20392-1R27P | DRILLED PIN |
| 25 | 1 | 1 | MS20392-1R37P | DRILLED PIN |
| 26 | 4 | 4 | MS20392-1R9P | DRILLED PIN |
| 27 | 3 | 3 | MS20392-2R41P | DRILLED PIN |
| 28 | 7 | 7 | MS24665-151 | COTTER PIN |
| 29 | 2 | 2 | MS24665-155 | COTTER PIN |
| 30 | 6 | 6 | MS24671-14 | SCREW, FL-HD, HEX, #8 |
| 31 | 1 | 1 | MS24674-13 | DRILLED CAP SCREW, #10 |
| 32 | 5 | 5 | NAS1149-C-N432-R | FLAT WASHER |
| 33 | 1 | 1 | NAS42DD628FC | SPACER |
| 34 | 1 | 1 | T032-180-156L | TORSION SPRING |

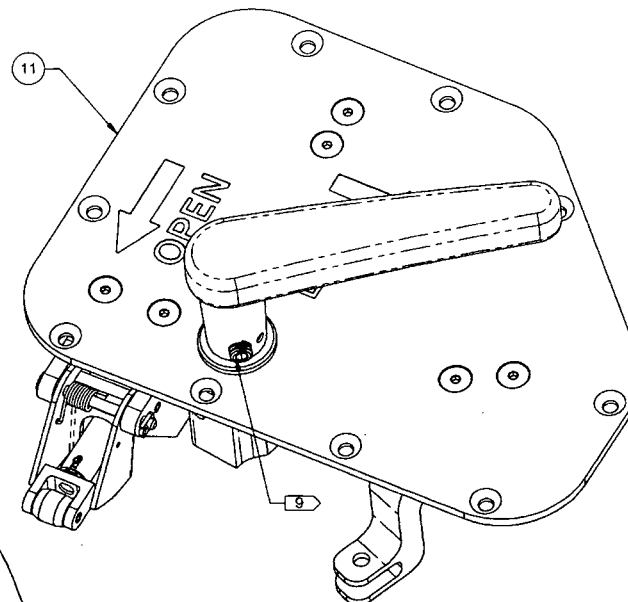
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: MARK PART NUMBER AND BATCH NUMBER PER DART QSI 044 6.4
- 7) WEIGHT: 2.0 lbs
- 8) INSTALL ALL COTTER PINS AND LOCK WIRE IN ACCORDANCE WITH MS33540
- 9) APPLY LOCTITE 262 TO HANDLE THREADS PRIOR TO TIGHTENING SET SCREW
- 10) SHEETS 23 -25 ARE FOR REFERENCE ONLY AND ARE MERELY **RECOMMENDED** ASSEMBLY STEPS

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. B3063 MLO
12/04/13



D4522-041 DOOR LATCH ASSY, LH, OEM



D4522-043 DOOR LATCH ASSY, LH

RELEASED
2012-03-08

| A | NEW ISSUE | RP | 12.02.24 |
|------------|-------------|----|----------|
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | RP | | |
| DRAWN | RP | | |
| CHECKED | | | |
| MFG. APPR. | | | |
| APPROVED | | | |
| DE APPR. | | | |
| DATE | 12.02.24 | | |

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D4522** REV. A
SHEET 1 OF 25
TITLE **DOOR LATCH ASSY (412)** SCALE NTS

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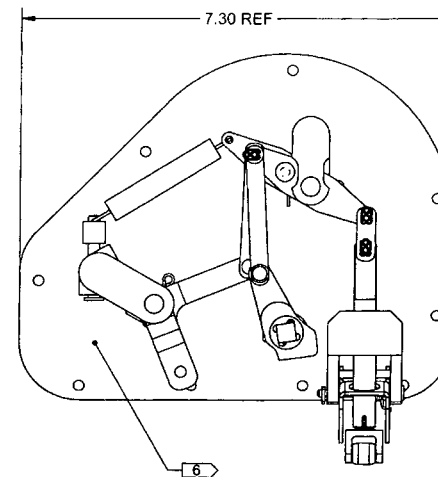
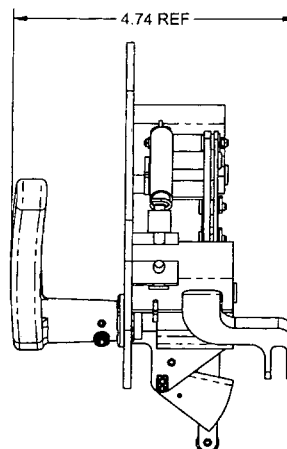
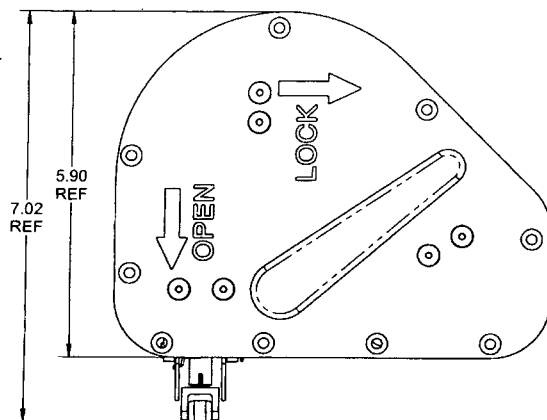
| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

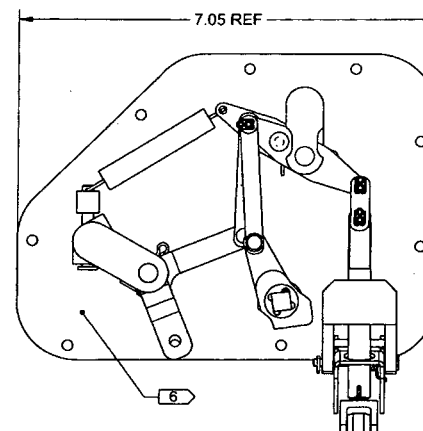
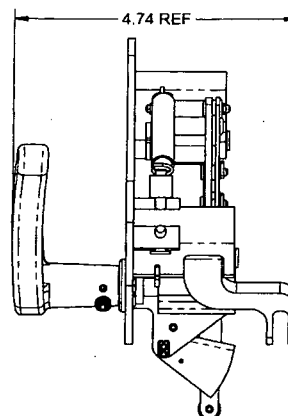
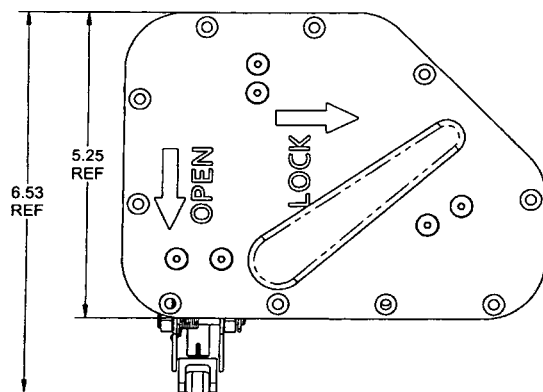
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries



D4522-041 DOOR LATCH ASSY, LH, OEM



D4522-043 DOOR LATCH ASSY, LH

RELEASED
2012-03-09

| | | | |
|------------|----------|--|---------------|
| DESIGN | RP | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWN | RP | | |
| CHECKED | | DRAWING NO. | REV. A |
| MFG. APPR. | | D4522 | SHEET 2 OF 25 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | DOOR LATCH ASSY (412) | NTS |
| DATE | 12.02.24 | <small>COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small> | |

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
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| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

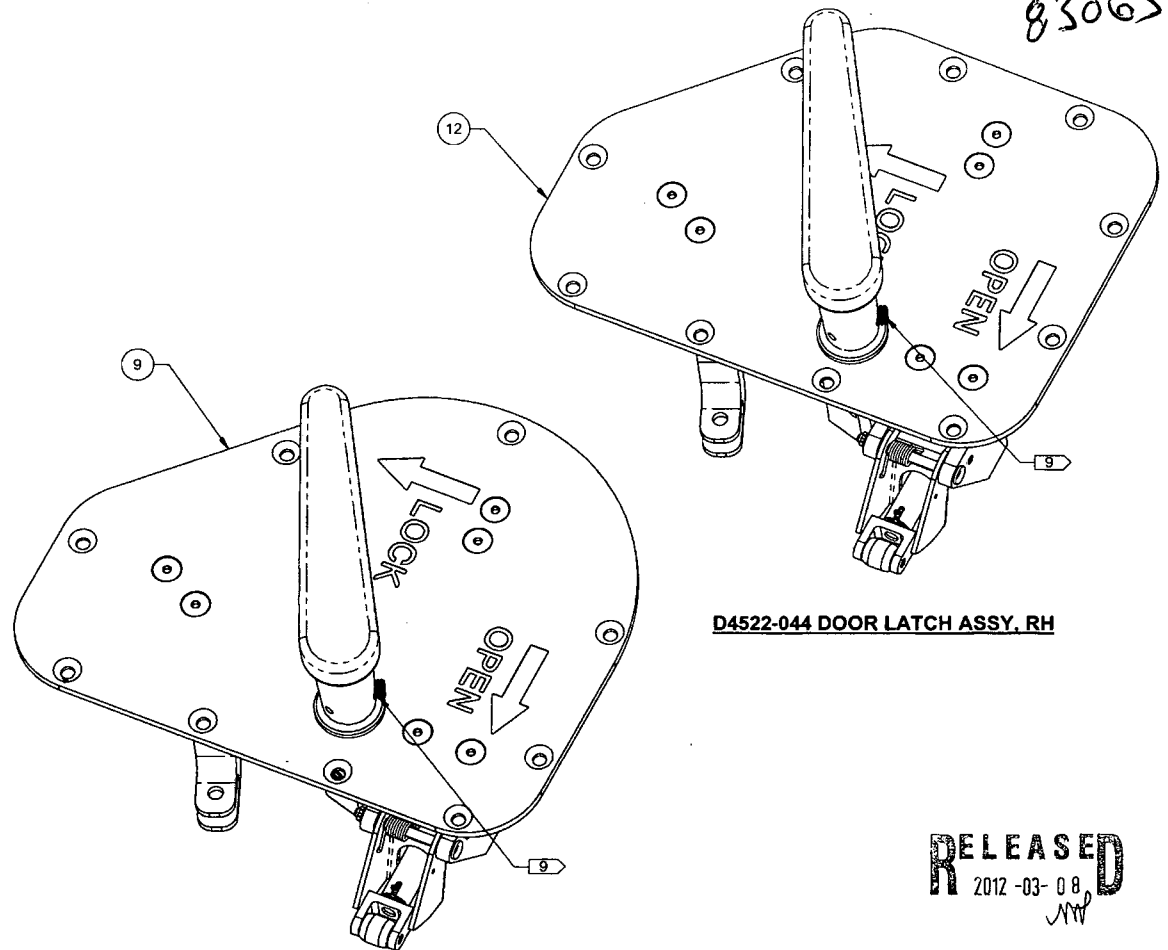
| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
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| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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| | | | | | | | | |

NOTE: Date & initial all entries

| ITEM | QTY -042 | QTY -044 | P/N | DESCRIPTION |
|------|-------------|-------------|------------------|-------------------------------|
| | X | | D4522-042 | DOOR LATCH ASSY, RH, OEM |
| | | X | D4522-044 | DOOR LATCH ASSY, RH |
| 1 | 1 | 1 | D4522-045 | BASE, HORIZONTAL SWING ARM |
| 2 | 1 | 1 | D4522-047 | BASE, VERTICAL SWING ARM |
| 3 | 1 | 1 | D4522-049 | BASE, LATCH SHAFT |
| 4 | 1 | 1 | D4522-10 | VERTICAL SWING ARM |
| 5 | 1 | 1 | D4522-12 | HANDLE SHAFT ARM |
| 6 | 1 | 1 | D4522-13 | HANDLE SHAFT ADAPTER |
| 7 | 2 | 2 | D4522-17 | LINKAGE |
| 8 | 2 | 2 | D4522-19 | LINKAGE |
| 9 | 1 | | D4522-2 | BASE PLATE, OEM (RH) |
| 10 | 2 | 2 | D4522-21 | LINKAGE |
| 11 | 1 | 1 | D4522-25 | LATCH SHAFT |
| 12 | | 1 | D4522-32 | BASE PLATE (RH) |
| 13 | 1 | 1 | D4529-041 | HORIZONTAL SWING ARM |
| 14 | 1 | 1 | D4530-041 | LATCH ROLLER |
| 15 | 1 | 1 | D4531-1 | LATCH SHAFT BRACKET |
| 16 | 1 | | D4574-1 | INTERIOR L-HANDLE |
| 17 | 1 | 1 | LE045005S | EXTENSION SPRING (LEE SPRING) |
| 18 | 1 | 1 | MS-20995-C20 | LOCK WIRE |
| 19 | 1 | 1 | MS16562-193 | SPRING PIN |
| 20 | 1 | 1 | MS16562-223 | SPRING PIN |
| 21 | 1 | 1 | MS16562-227 | SPRING PIN |
| 22 | 1 | 1 | MS16624-4062 | EXTERNAL RETAINING RING |
| 23 | 1 | 1 | MS20392-1P41 | DRILLED PIN |
| 24 | 1 | 1 | MS20392-1R27P | DRILLED PIN |
| 25 | 1 | 1 | MS20392-1R37P | DRILLED PIN |
| 26 | 4 | 4 | MS20392-1R9P | DRILLED PIN |
| 27 | 3 | 3 | MS20392-2R41P | DRILLED PIN |
| 28 | 7 | 7 | MS24665-151 | COTTER PIN |
| 29 | 2 | 2 | MS24665-155 | COTTER PIN |
| 30 | 6 | 6 | MS24671-14 | SCREW, FL-HD, HEX, #8 |
| 31 | 1 | 1 | MS24674-13 | DRILLED CAP SCREW, #10 |
| 32 | 5 | 5 | NAS1149-C-N432-R | FLAT WASHER |
| 33 | 1 | 1 | NAS42DD628FC | SPACER |
| 34 | 1 | 1 | T032-180-156L | TORSION SPRING |

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: MARK PART NUMBER AND BATCH NUMBER PER DART QSI 044 6.4
- 7) WEIGHT: 2.0 lbs
- 8) INSTALL ALL COTTER PINS AND LOCK WIRE IN ACCORDANCE WITH MS33540
- 9) APPLY LOCTITE 262 TO HANDLE THREADS PRIOR TO TIGHTENING SET SCREW
- 10) SHEETS 22-24 ARE FOR REFERENCE ONLY AND ARE MERELY **RECOMMENDED** ASSEMBLY STEPS



RELEASED
R 2012-03-08
M

| | | | |
|------------|----------|--|---------------|
| DESIGN | RP | DART AEROSPACE LTD | |
| DRAWN | RP | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. | REV. A |
| MFG. APPR. | | D4522 | SHEET 4 OF 25 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | DOOR LATCH ASSY (412) | NTS |
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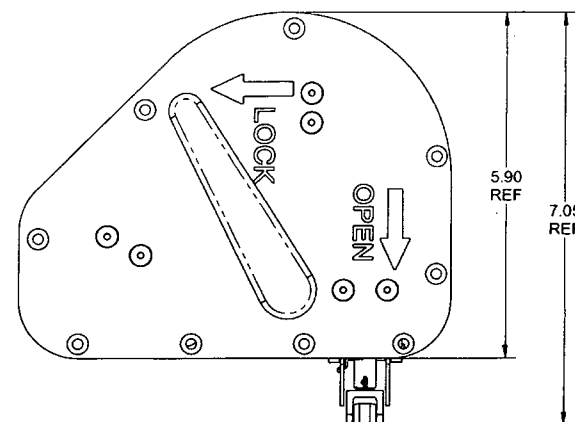
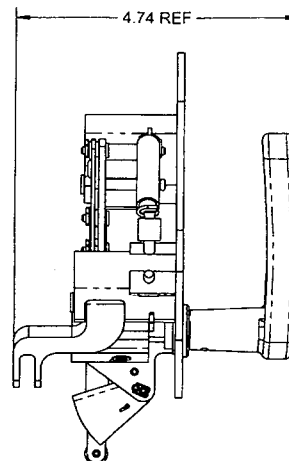
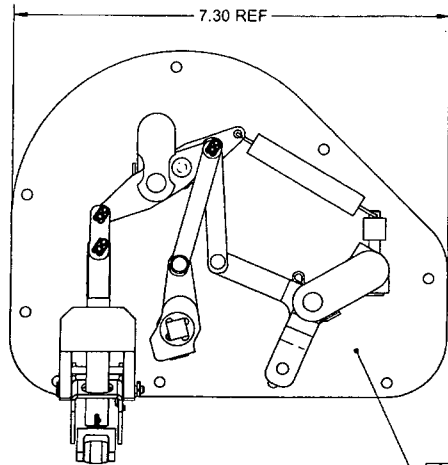
| W/O: | | WORK ORDER CHANGES | | | | | |
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| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

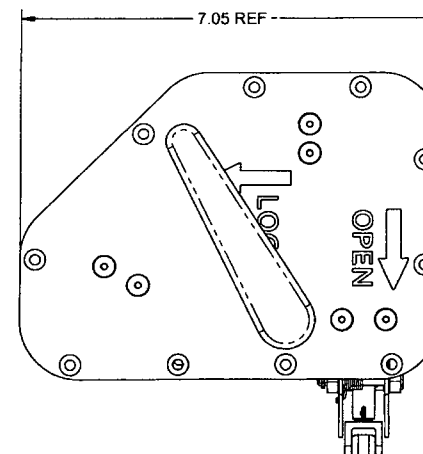
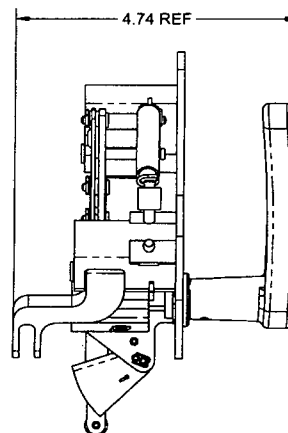
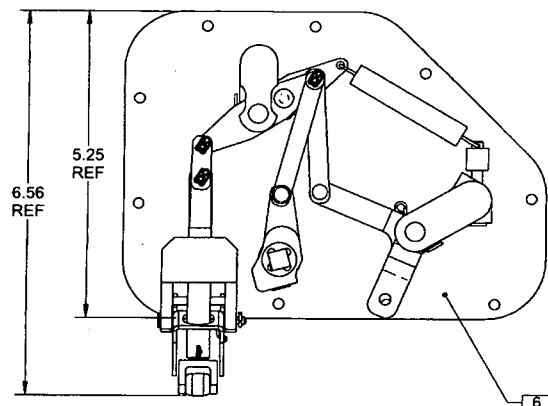
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
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| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries



D4522-042 DOOR LATCH ASSY, RH, OEM



D4522-044 DOOR LATCH ASSY, RH

RELEASED
2012-03-08
NY

| | | | |
|---|--------------------|------------------------------|---------------|
| DESIGN | RP | DART AEROSPACE LTD | |
| DRAWN | RP | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | UP | DRAWING NO. | REV. |
| MFG. APPR. | <i>[Signature]</i> | D4522 | |
| APPROVED | <i>[Signature]</i> | TITLE | SHEET 5 OF 25 |
| DE APPR. ... | <i>[Signature]</i> | DOOR LATCH ASSY (412) | SCALE |
| DATE | 12.02.24 | NTS | |
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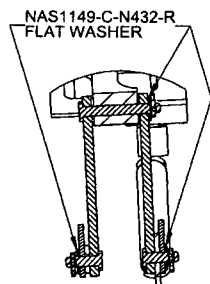
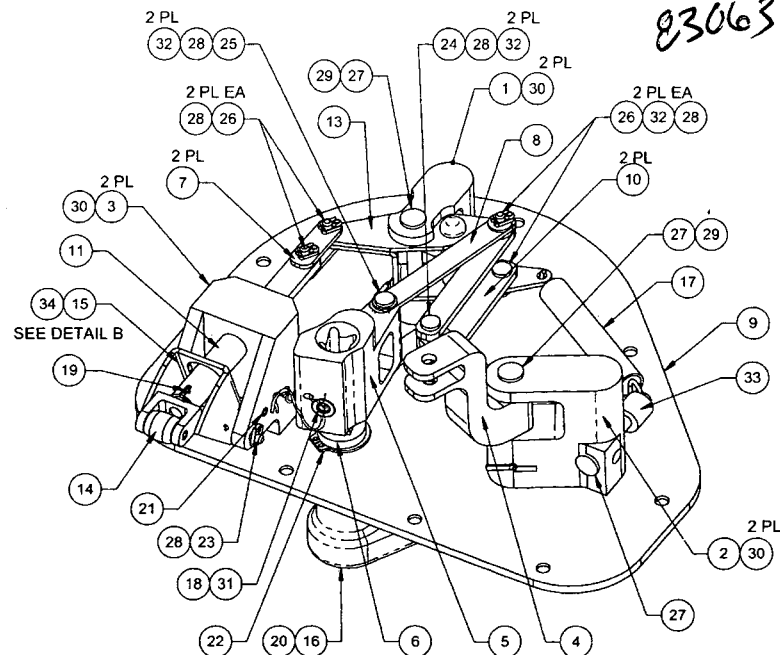
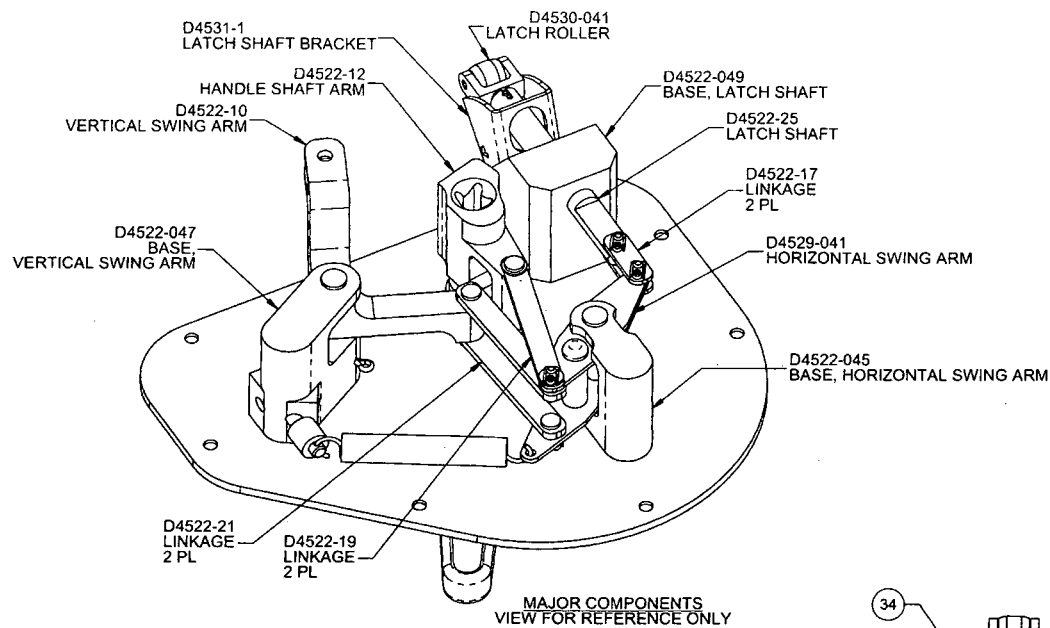
| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

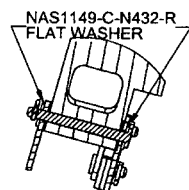
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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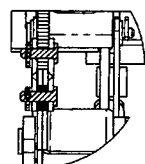
NOTE: Date & initial all entries



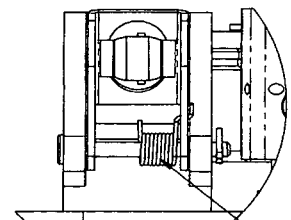
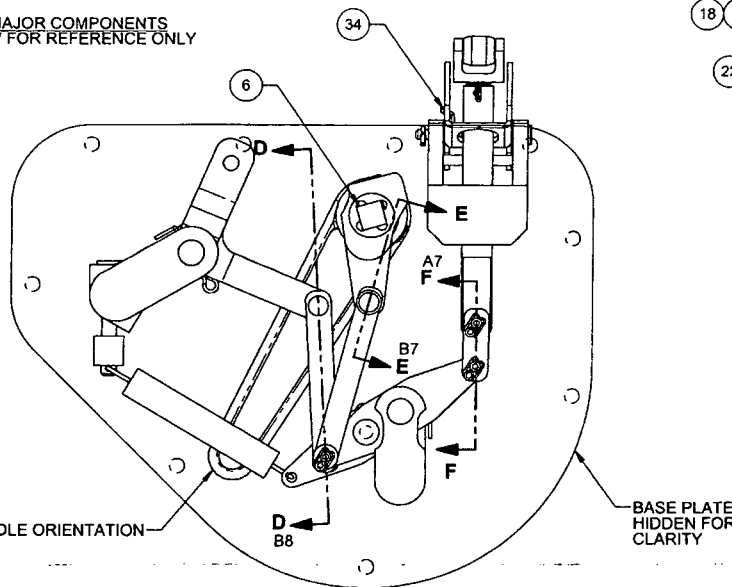
SECTION D-D B5



SECTION E-E B5



SECTION F-F B5



DETAIL 'B'
TORSION SPRING

RELEASED
2012-03-08

(D4522-042 SHOWN)

| | | | |
|------------|--------------------|---|--------------|
| DESIGN | RP | DART AEROSPACE LTD | |
| DRAWN | RP | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. | REV. |
| MFG. APPR. | <i>[Signature]</i> | D4522 | SHEET 6 OF 7 |
| APPROVED | <i>[Signature]</i> | TITLE | SCALE |
| DE APPR. | <i>[Signature]</i> | DOOR LATCH ASSY (412) | NT |
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| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

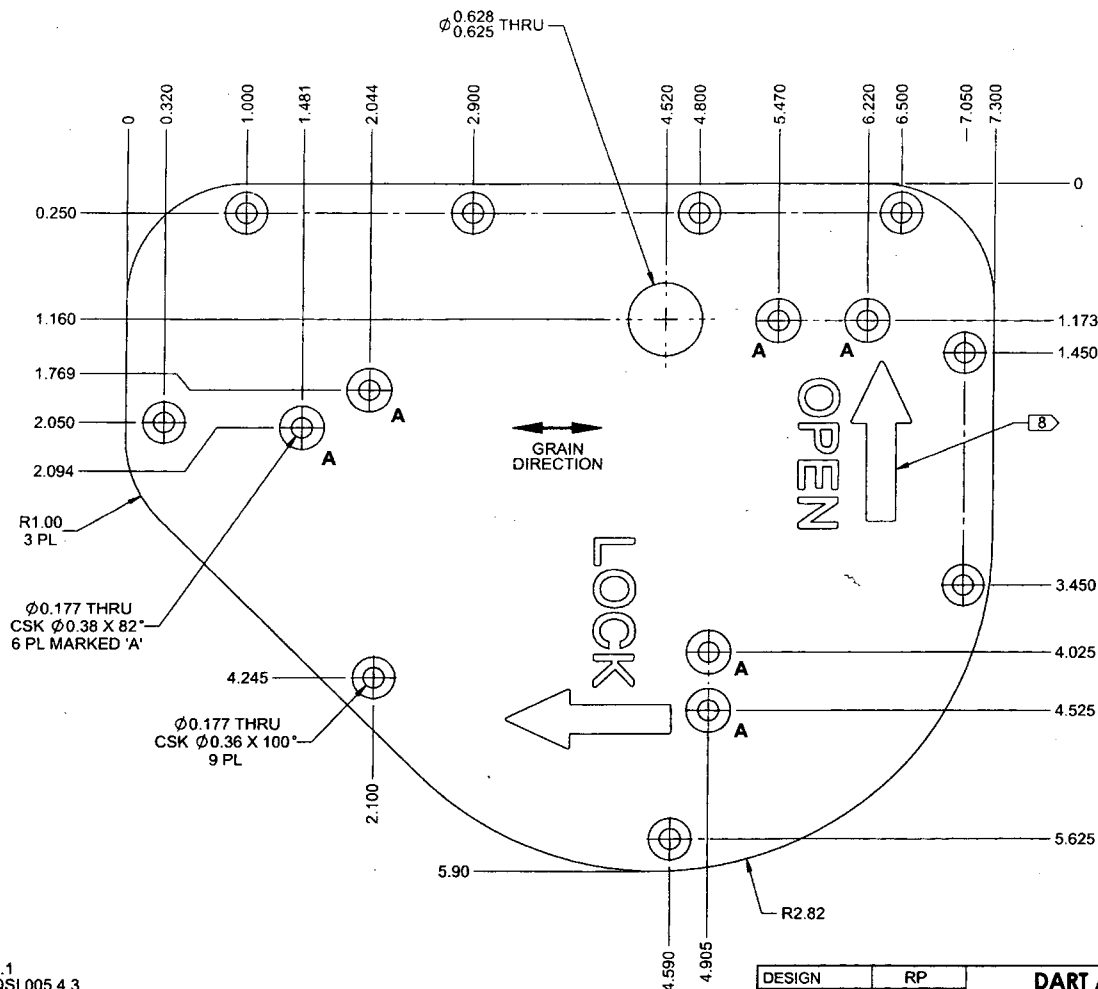
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

93063

0.125
REF



NOTES:

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET PER QQ-A-250/11
OR AMS 4025 OR AMS 4027 OR ASTM B209
REF M6061T6S.125
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT ANSI 61 (4.3.5.15) GREY PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
- 7) WEIGHT: 0.4 lbs
- 8) ENGRAVE TEXT AND ARROWS .010" DP IN APPROXIMATE
LOCATION SHOWN
TEXT TO BE APPROX. 0.32 HIGH

D4522-1 BASE PLATE, OEM (LH)

RELEASED
2012-03-08

| | | | |
|------------|----------|--|---------------|
| DESIGN | RP | DART AEROSPACE LTD | |
| DRAWN | RP | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. | REV. A |
| MFG. APPR. | | D4522 | SHEET 7 OF 25 |
| APPROVED | | TITLE | SCALE |
| DE-APPR. | | DOOR LATCH ASSY (412) | NTS |
| DATE | 12.02.24 | <small>COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small> | |

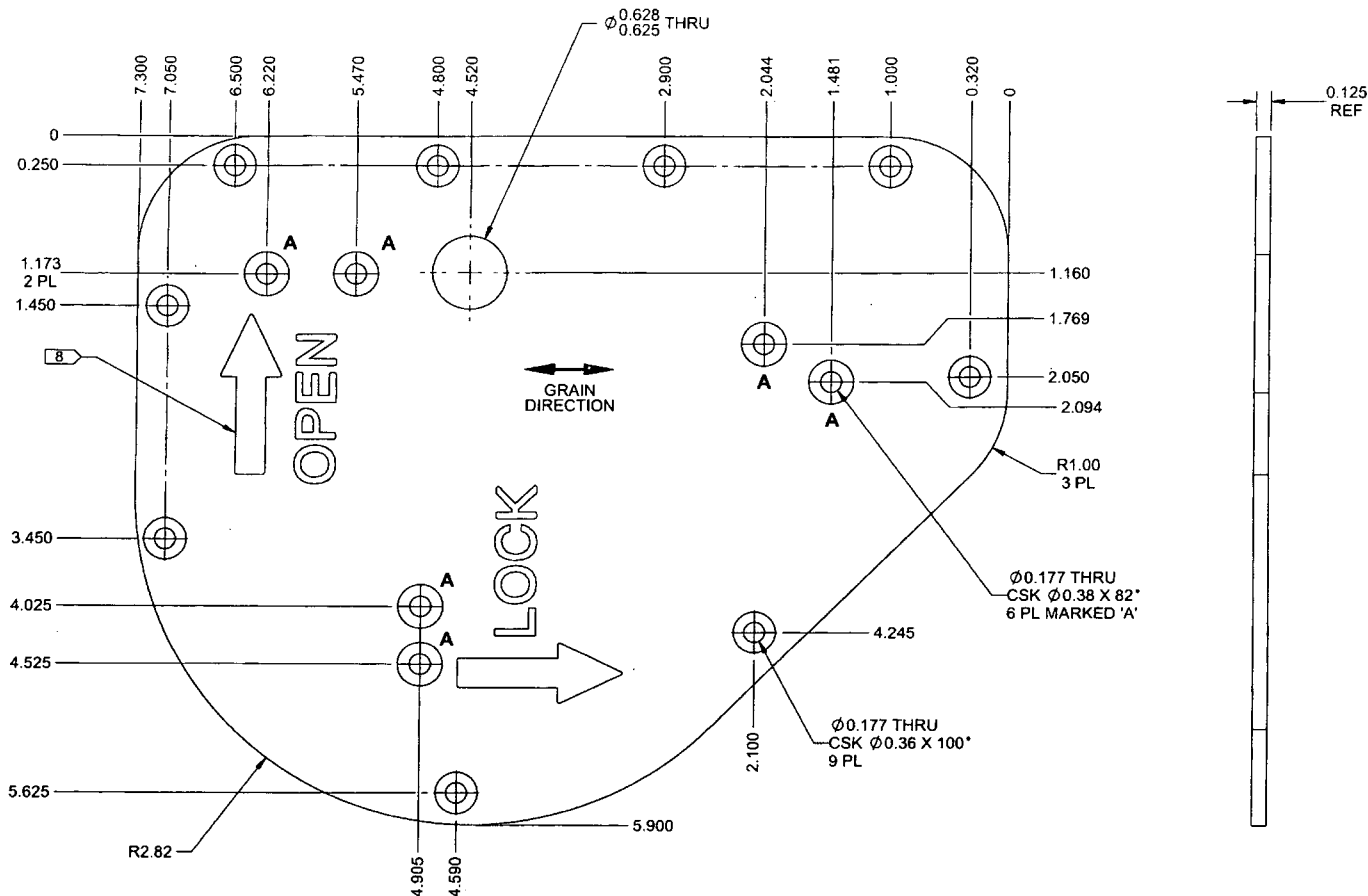
| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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| | | | | | | | | |

NOTE: Date & initial all entries






83063

NOTES:

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET PER QQ-A-250/11
OR AMS 4025 OR AMS 4027 OR ASTM B209
REF M6061T6S 125
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT ANSI 61 (4.3.5.15) GREY PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI044 6.6 OR 6.7
- 7) WEIGHT: 0.4 lbs
- 8) ENGRAVE TEXT AND ARROWS .010" DP IN APPROXIMATE
LOCATION SHOWN
TEXT TO BE APPROX. 0.32 HIGH

D4522-2 BASE PLATE, OEM (RH)

RELEASED
2012-03-08
JH

| | | | |
|---|---|--|---------------|
| DESIGN | RP | DART AEROSPACE LTD | |
| DRAWN | RP | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | RP | DRAWING NO. | REV. A |
| MFG. APPR. |  | D4522 | SHEET 8 OF 25 |
| APPROVED |  | TITLE | SCALE |
| DE APPR. |  | DOOR LATCH ASSY (412) | NTS |
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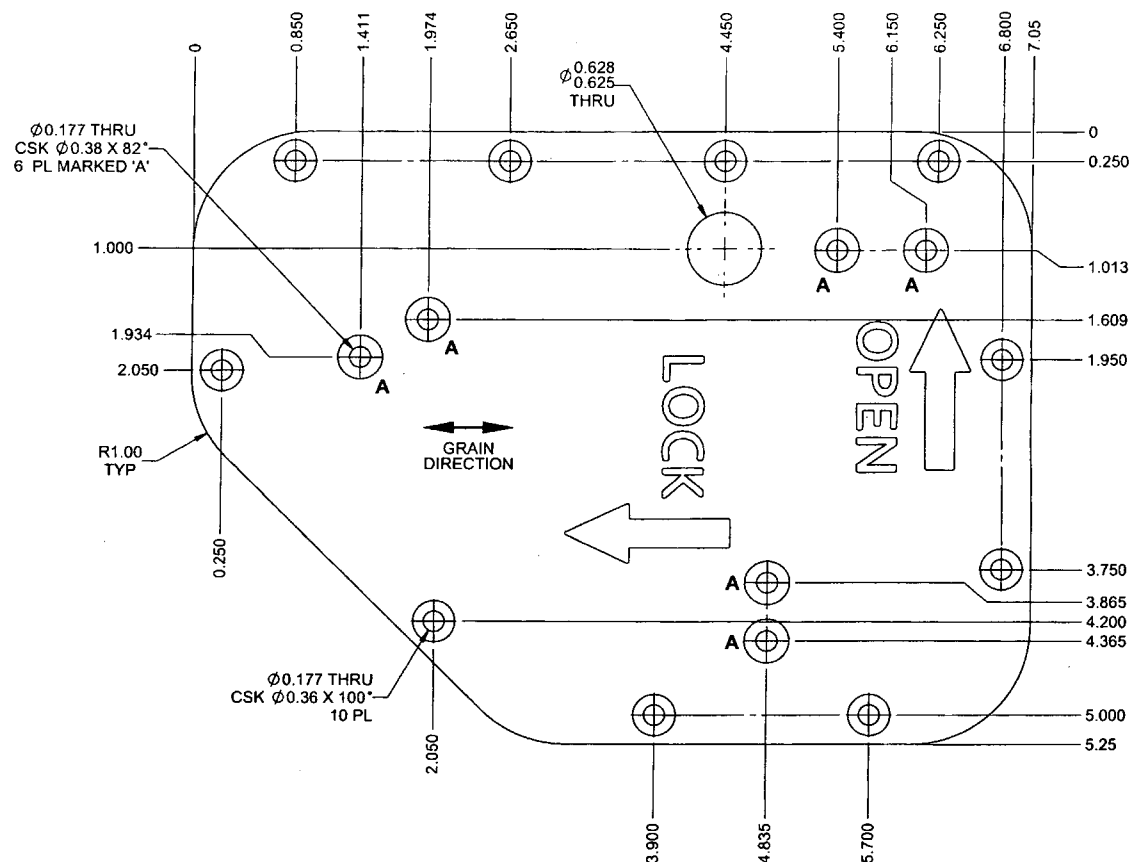
| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries







RELEASE
2012-03-08
MAR

NOTES:

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET PER QQ-A-250/11
OR AMS 4025 OR AMS 4027 OR ASTM B209
REF: M606-176S 125
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT ANSI 61 (4.3.5.1) GREY PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
- 7) WEIGHT: 0.4 lbs

D4522-31 BASE PLATE (LH)

| | | | |
|------------|---|--|-------------------------------|
| DESIGN | RP | DART AEROSPACE LTD | |
| DRAWN | RP | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED |  | DRAWING NO. | REV. <input type="checkbox"/> |
| MFG. APPR. |  | D4522 | SHEET 9 OF 2 |
| APPROVED |  | TITLE | SCALE |
| DE APPR. |  | DOOR LATCH ASSY. (412) | NT |
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| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

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|------------|----------|--|----------------|
| DESIGN | | DART AEROSPACE LTD | |
| DRAWN | | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. | REV. |
| MFG. APPR. | | D4522 | SHEET 10 OF 10 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | DOOR LATCH ASSY (412) | NT |
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| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
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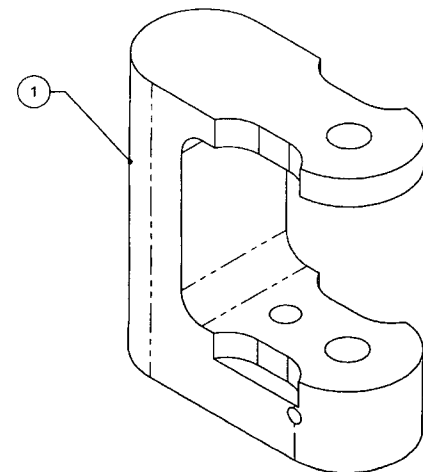
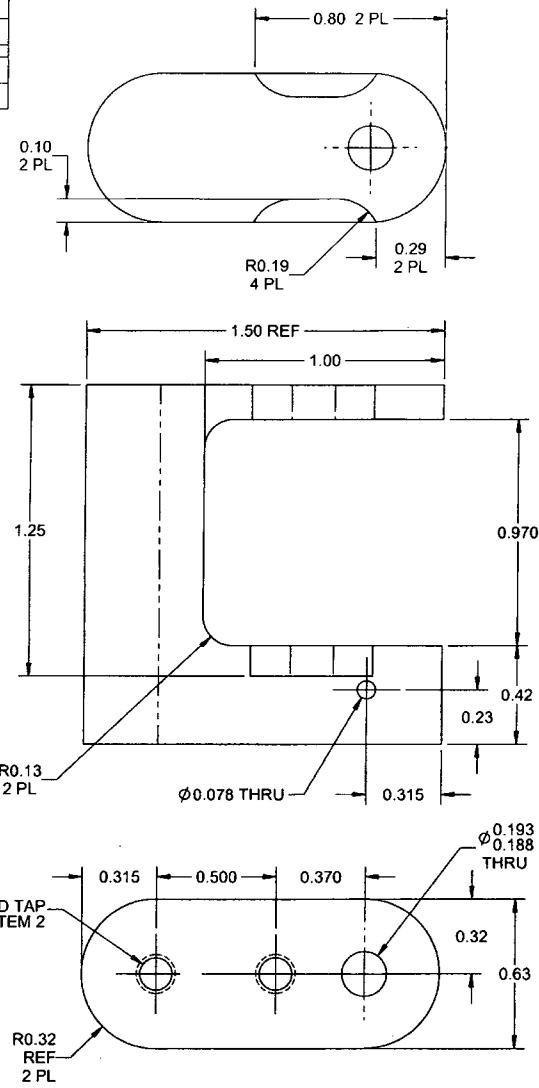
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
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| | | | | | | | | |

NOTE: Date & initial all entries

| ITEM | QTY | P/N | DESCRIPTION |
|------|-----|---------------|-------------------------------------|
| | X | D4522-045 | BASE, HORIZONTAL SWING ARM |
| 1 | 1 | D4522-3 | BASE, HORIZONTAL SWING ARM |
| 2 | 2 | MS21209-C0820 | THREADED INSERT, 8-32 UNC X 0.33 LG |



83063

RELEASED
2012-03-08

- NOTES:
- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR
AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
 - 7) WEIGHT: 0.07 lbs

D4522-045 BASE, HORIZONTAL SWING ARM

| | | | |
|------------|----|-----------------------------|----------------|
| DESIGN | RP | DART AEROSPACE LTD | REV. A |
| DRAWN | RP | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. D4522 | SHEET 11 OF 25 |
| MFG. APPR. | | TITLE | SCALE |
| APPROVED | | DOOR LATCH ASSY. (412) | NTS. |
| DE APPR. | | DATE 12.02.24 | |

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| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

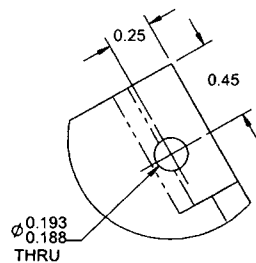
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

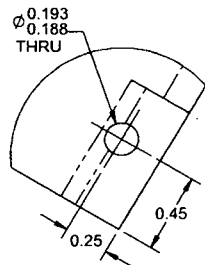
| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

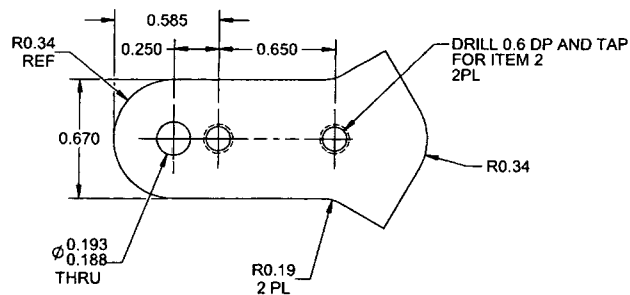
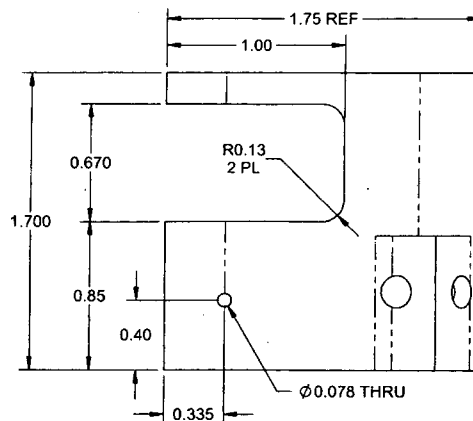
| ITEM | QTY | P/N | DESCRIPTION |
|------|-----|---------------|-------------------------------------|
| | X | D4522-047 | BASE, VERTICAL SWING ARM |
| 1 | 1 | D4522-5 | BASE, VERTICAL SWING ARM |
| 2 | 2 | MS21209-C0820 | THREADED INSERT, 8-32 UNC X 0.33 LG |



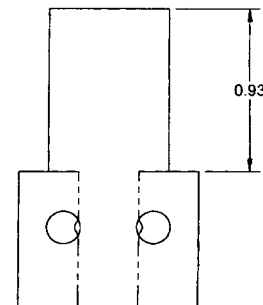
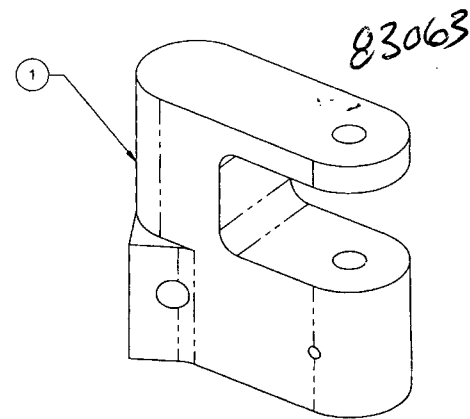
VIEW G-G D4



VIEW H-H C4



D4522-047 BASE, VERTICAL SWING ARM



- NOTES:
- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 REF DART SPEC M8061T6B
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
 - 7) WEIGHT: 0.14 lbs

RELEASED
2012-03-08

| | | | |
|------------|----------|--|----------------|
| DESIGN | RP | DART AEROSPACE LTD | |
| DRAWN | RP | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. | REV. A |
| MFG. APPR. | | D4522 | SHEET 12 OF 25 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | DOOR LATCH ASSY (412) | NTS |
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| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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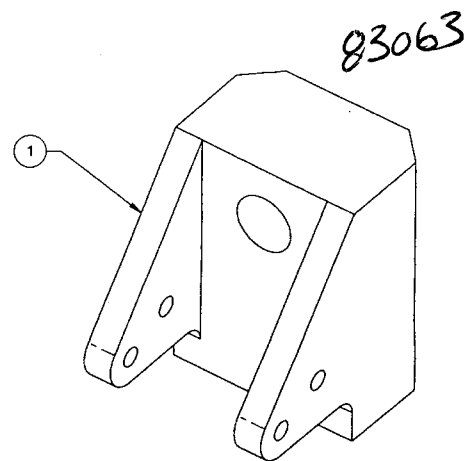
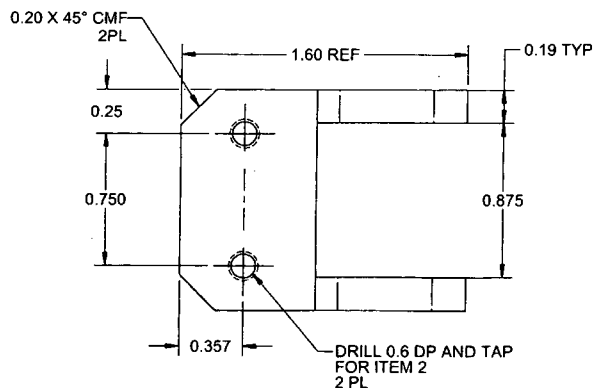
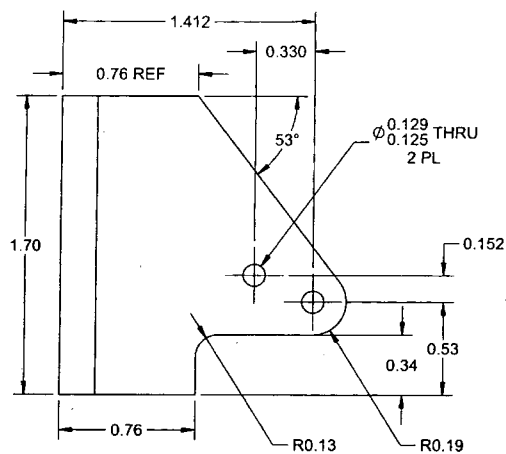
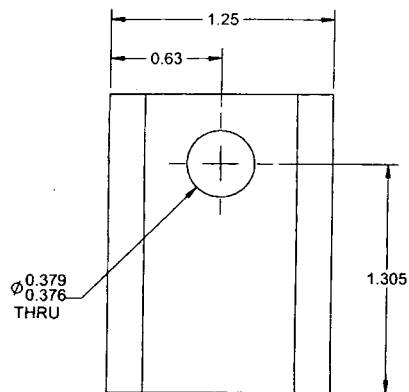
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

| ITEM | QTY | P/N | DESCRIPTION |
|------|-----|---------------|-------------------------------------|
| | X | D4522-049 | BASE, LATCH SHAFT |
| 1 | 1 | D4522-7 | BASE, LATCH SHAFT |
| 2 | 2 | MS21209-C0820 | THREADED INSERT, 8-32 UNC X 0.33 LG |



NOTES:

1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR
AMS4117/4128/4115/4116 OR QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B

2) FINISH: N/A

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED





5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7

7) WEIGHT: 0.16 lbs

D4522-049 BASE, LATCH SHAFT

RELEASED
2012-03-08
MD

| | | | |
|--|---|--|----------------|
| DESIGN | RP | DART AEROSPACE LTD | |
| DRAWN | RP | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED |  | DRAWING NO. | REV. A |
| MFG. APPR. |  | D4522 | SHEET 13 OF 25 |
| APPROVED |  | TITLE | SCALE |
| DE APPR. |  | DOOR LATCH ASSY (412) | NTS |
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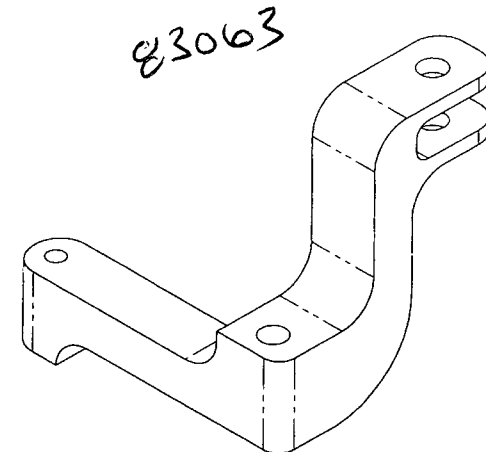
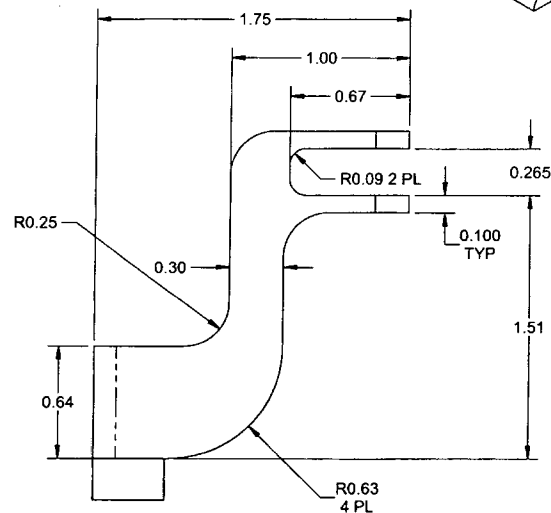
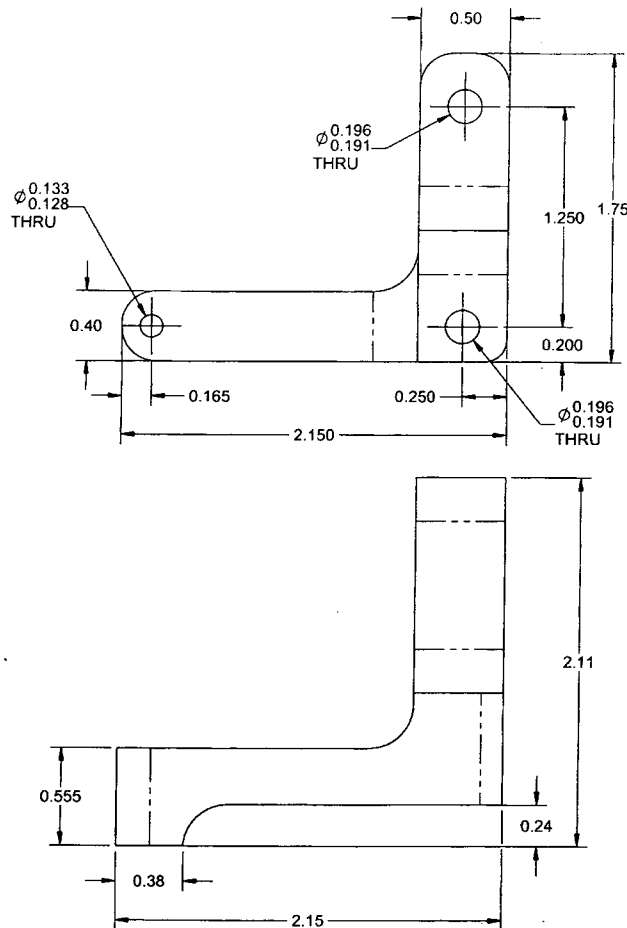
| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries



NOTES:

- 1) MATERIAL: AISI 303 SS BAR PER ASTM A582
REF DART SPEC M303B OR
AISI 304/316 SS BAR OR PLATE
PER ASTM A276 OR ASTM A240
REF DART SPEC M304B
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
- 7) WEIGHT: 0.19 lbs
- 8) PROFILE PER DWG FILE "D4522-9-RevA.STP"

D4522-9 VERTICAL SWING ARM

| | | | |
|------------|----------|--|----------------|
| DESIGN | RP | DART AEROSPACE LTD | |
| DRAWN | RP | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. | REV. A |
| MFG. APPR. | | D4522 | SHEET 14 OF 25 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | DOOR LATCH ASSY (412) | NTS |
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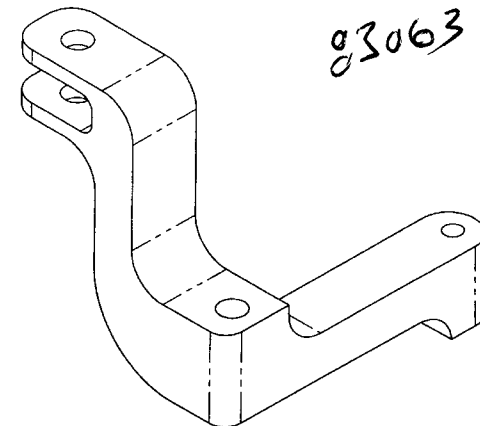
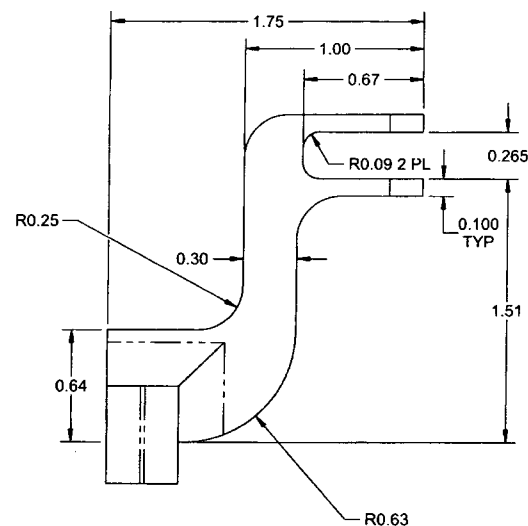
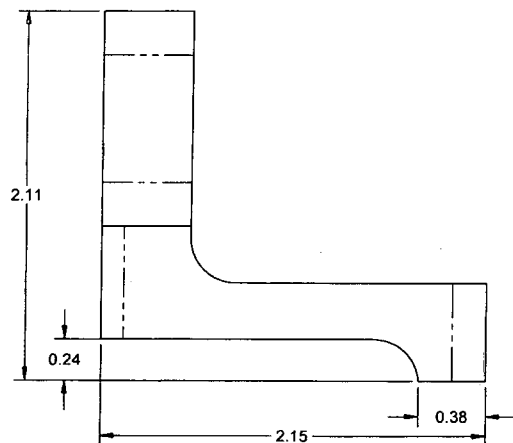
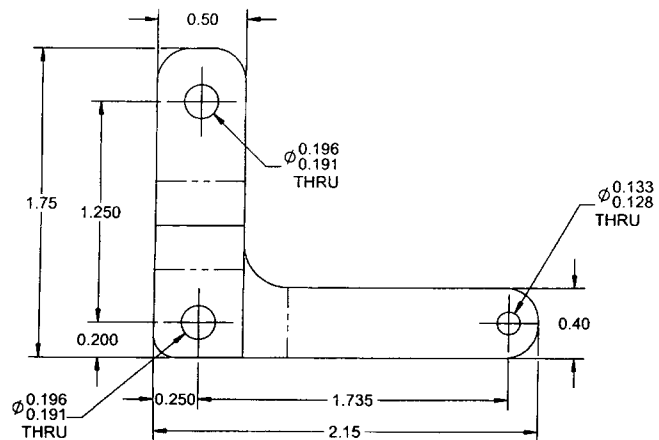
| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries



NOTES:

- 1) MATERIAL: AISI 303 SS BAR PER ASTM A582
REF DART SPEC M303B OR
AISI 304/316 SS BAR OR PLATE
PER ASTM A276 OR ASTM A240
REF DART SPEC M304B
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
- 7) WEIGHT: 0.19 lbs
- 8) PROFILE PER DWG FILE "D4522-10-RevA.STP"

D4522-10 VERTICAL SWING ARM

| | | | |
|------------|----------|--|----------------|
| DESIGN | RP | DART AEROSPACE LTD | |
| DRAWN | RP | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. | REV. A |
| MFG. APPR. | | D4522 | SHEET 15 OF 25 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | DOOR LATCH ASSY (412) | NTS |
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R 2012-03-08

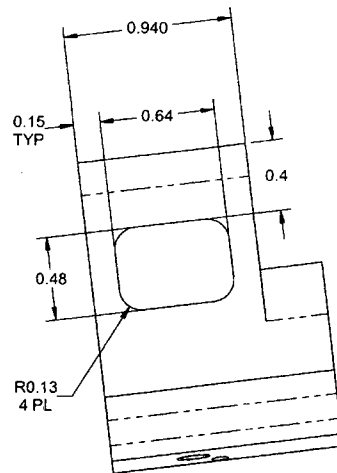
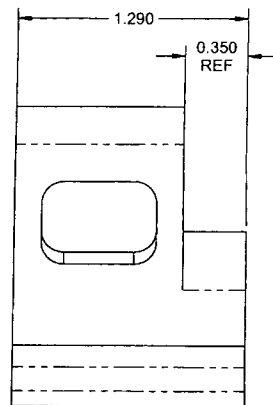
| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

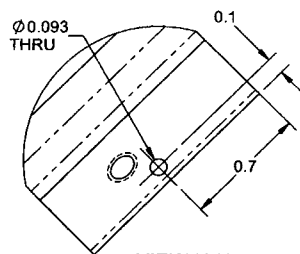
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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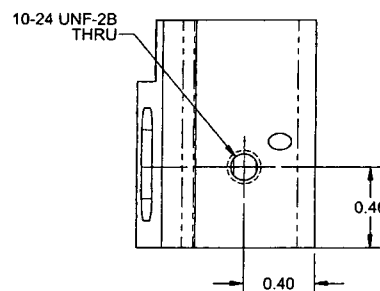
NOTE: Date & initial all entries



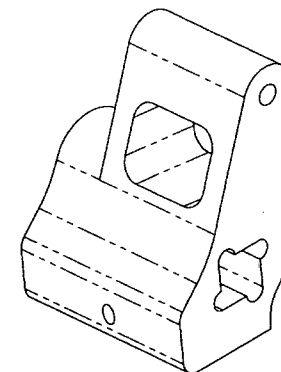
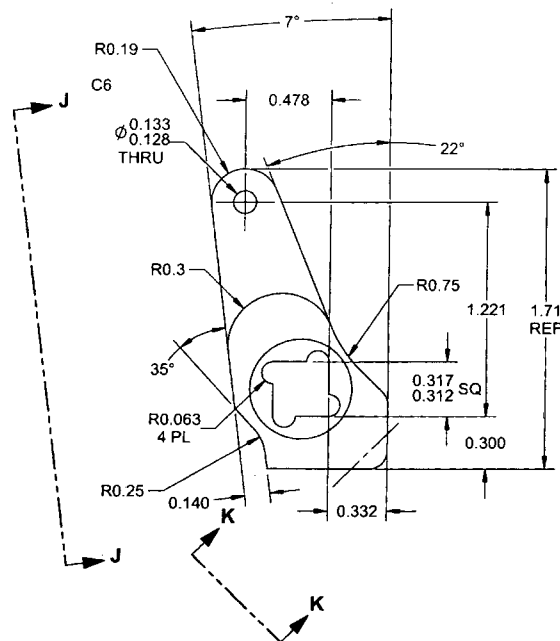
VIEW J-J C4



VIEW K-K





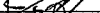
D4522-11 HANDLE SHAFT ARM



03063

NOTES:

- 1) MATERIAL: AISI 303 SS BAR PER ASTM A582
REF DART SPEC M303B OR
AISI 304/316 SS BAR OR PLATE
PER ASTM A276 OR ASTM A240
REF DART SPEC M304B
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
- 7) WEIGHT: 0.14 lbs
- 8) PROFILE PER DWG FILE "D4522-11-RevA.STP"

| | | | |
|--|---|--|----------------|
| DESIGN | RP | DART AEROSPACE LTD | |
| DRAWN | RP | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. | REV. A |
| MFG. APPR. |  | D4522 | SHEET 16 OF 25 |
| APPROVED |  | TITLE | SCALE |
| DE APPR. |  | DOOR LATCH-ASSY-(412) | NTS |
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2012-03-08

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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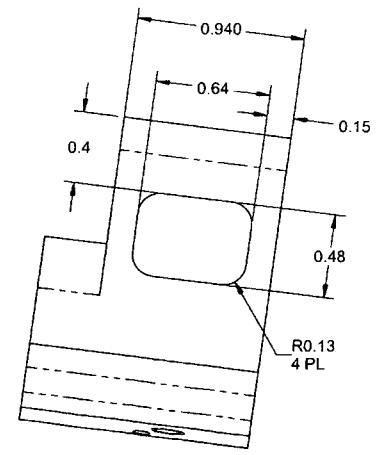
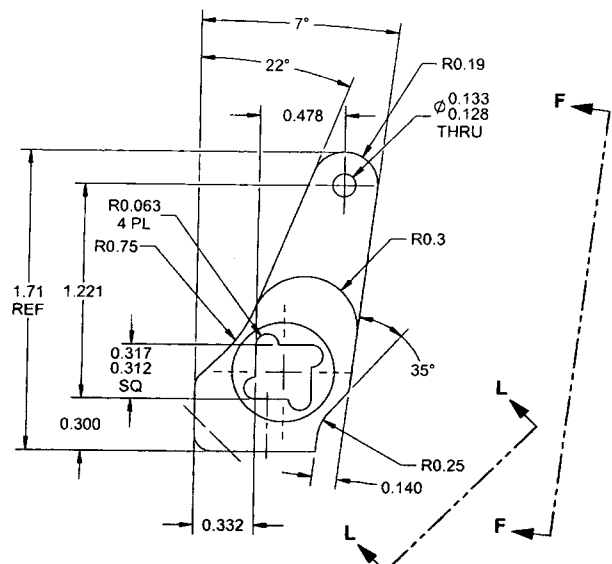
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

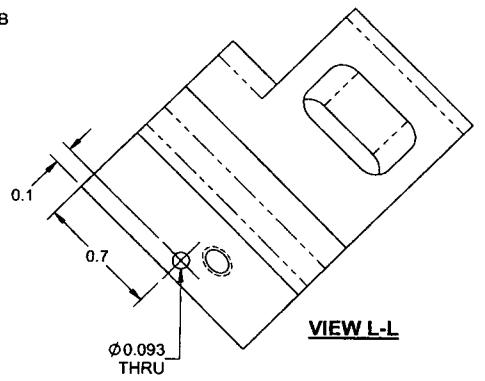
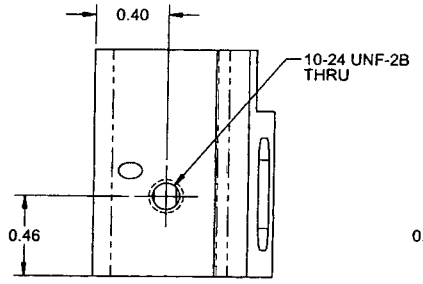
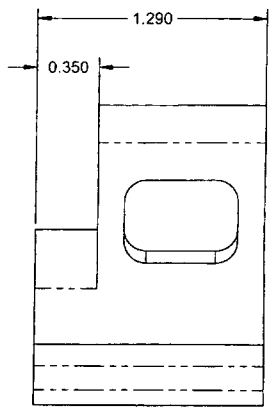
| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

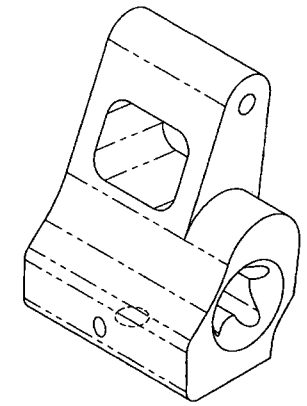
83063



VIEW F-F



VIEW L-L



NOTES:

- 1) MATERIAL: AISI 303 SS BAR PER ASTM A582
REF DART SPEC M303B OR
AISI 304/316 SS BAR OR PLATE
PER ASTM A276 OR ASTM A240
REF DART SPEC M304B
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
- 7) WEIGHT: 0.14 lbs
- 8) PROFILE PER DWG FILE "D4522-12-RevA.STP"

D4522-12 HANDLE SHAFT ARM

RELEASED
2012-03-08

| | | | |
|------------|----------|--|----------------|
| DESIGN | RP | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWN | RP | | |
| CHECKED | | DRAWING NO. D4522 | REV. A |
| MFG. APPR. | | | SHEET 17 OF 25 |
| APPROVED | | TITLE DOOR LATCH ASSY (412) | SCALE |
| DE APPR. | | | NTS |
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| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
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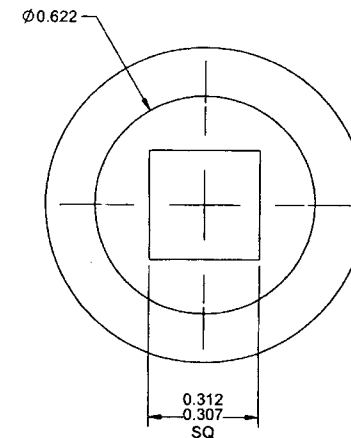
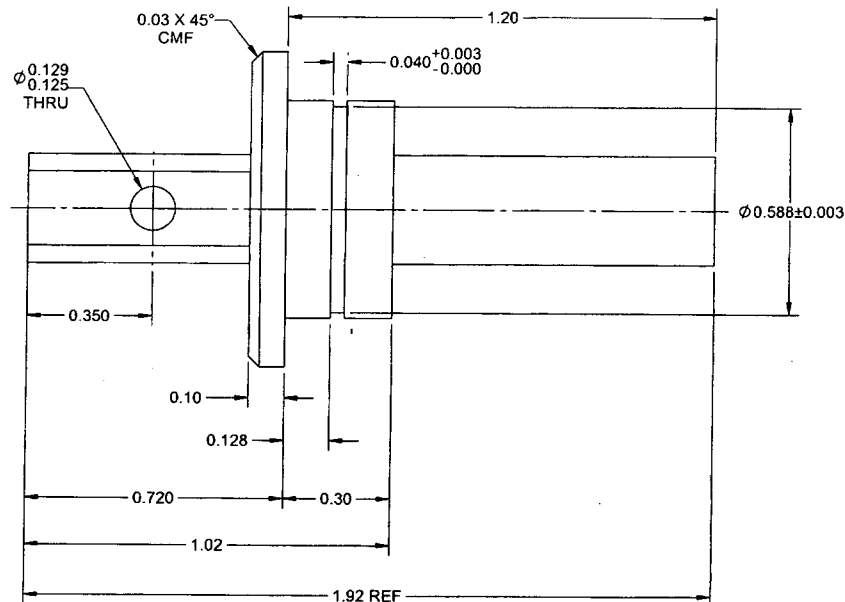
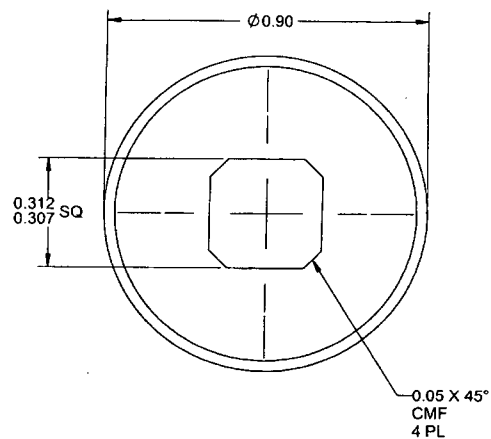
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

03063



D4522-13 HANDLE SHAFT ADAPTER

NOTES:

- 1) MATERIAL: AISI 303 SS ROUND BAR PER ASTM A582
REF DART SPEC M303R1.00 OR
AISI 304/316 SS ROUND BAR PER ASTM A276
REF DART SPEC M304R1.00
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044 6.6
- 7) WEIGHT: 0.08 lbs

RELEASED
2012-03-08

| | | | |
|------------|----------|---|----------------|
| DESIGN | RP | DART AEROSPACE LTD | |
| DRAWN | RP | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | UP | DRAWING NO. | REV. A |
| MFG. APPR. | UP | D4522 | SHEET 18 OF 25 |
| APPROVED | UP | TITLE | SCALE |
| DE APPR. | UP | DOOR LATCH ASSY (412) | NTS |
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| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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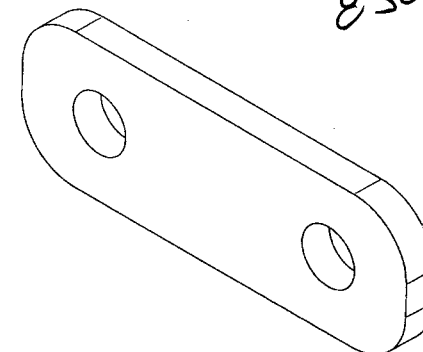
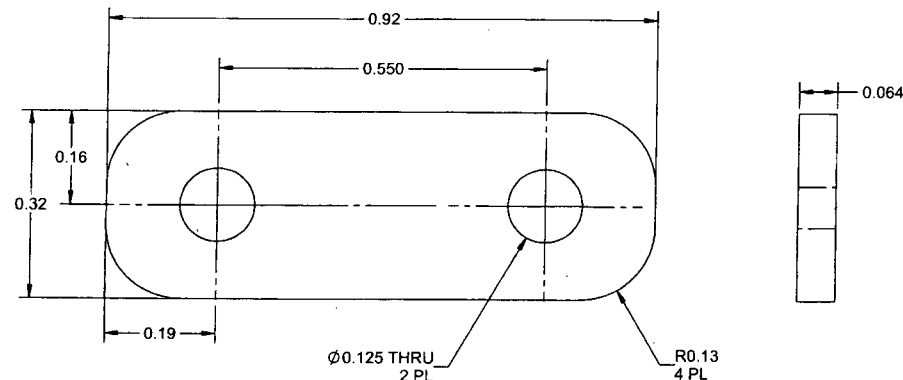
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

83063



D4522-17 LINKAGE

RELEASED
2012-03-08

NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET, ANNEALED, 2B FINISH
REF DART SPEC M304S16GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
- 7) WEIGHT: 0.01 lbs

| | | | |
|------------|----------|---|----------------|
| DESIGN | RP | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWN | RP | | |
| CHECKED | | DRAWING NO. | REV. A |
| MFG. APPR. | | D4522 | SHEET 19 OF 25 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | DOOR LATCH ASSY-(412) | NTS |
| DATE | 12.02.24 | <small>COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small> | |

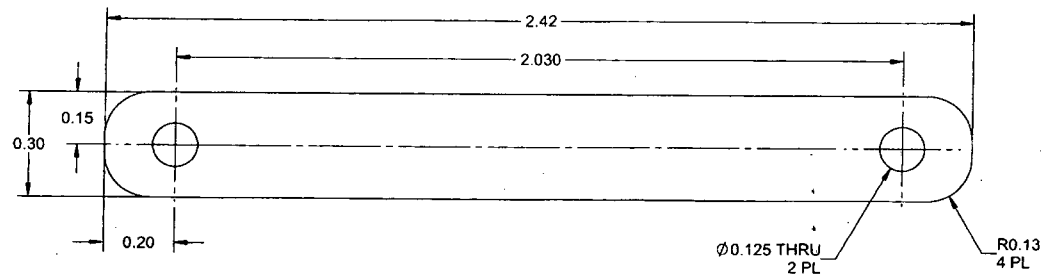
| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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| | | | | | | | | |

NOTE: Date & initial all entries



D4522-19 LINKAGE

RELEASED
2012-03-08

NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET, ANNEALED, 2B FINISH
REF DART SPEC M304S16GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART_QSI_044.6.6 OR 6.7
- 7) WEIGHT: 0.01 lbs

| | | | |
|------------|-----------------|--|----------------|
| DESIGN | RP | DART AEROSPACE LTD | |
| DRAWN | RP | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. | REV. A |
| MFG. APPR. | | D4522 | SHEET 20 OF 25 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | DOOR-LATCH ASSY-(412)- | NTS |
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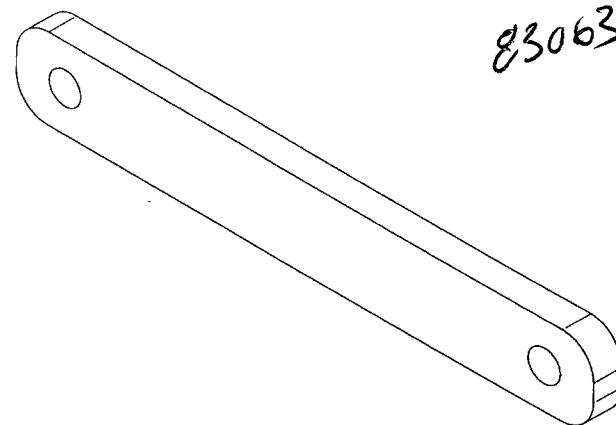
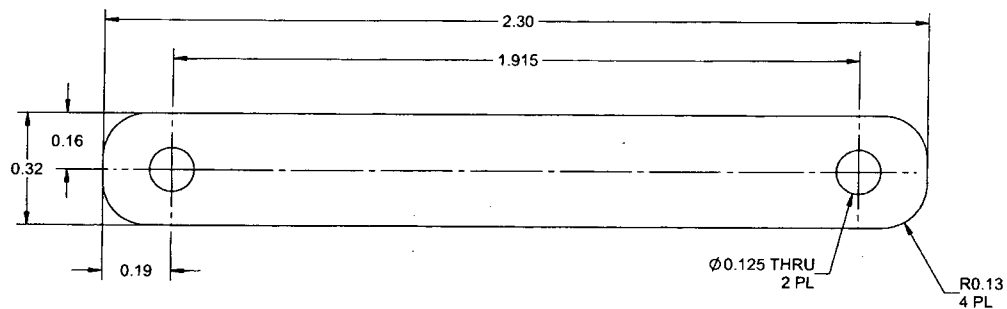
| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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| | | | | | | | | |

NOTE: Date & initial all entries



D4522-21 LINKAGE

RELEASED
2012-03-08

NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET, ANNEALED, 2B FINISH
REF DART SPEC M304S12GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
- 7) WEIGHT: 0.02 lbs

| | | | |
|------------|----------|--|----------------|
| DESIGN | RP | DART AEROSPACE LTD | |
| DRAWN | RP | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. | REV. A |
| MFG. APPR. | | D4522 | SHEET 21 OF 25 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | DOOR LATCH ASSY (412) | NTS |
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Dart Aerospace Ltd

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

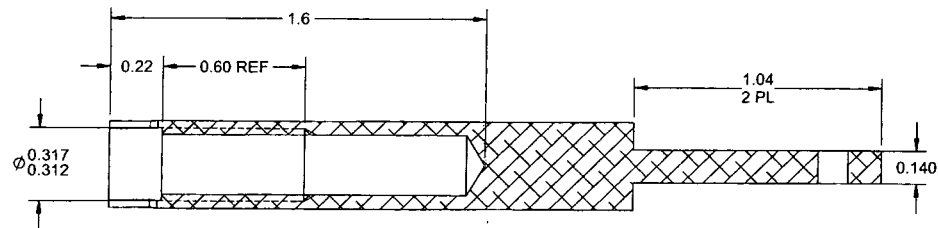
| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

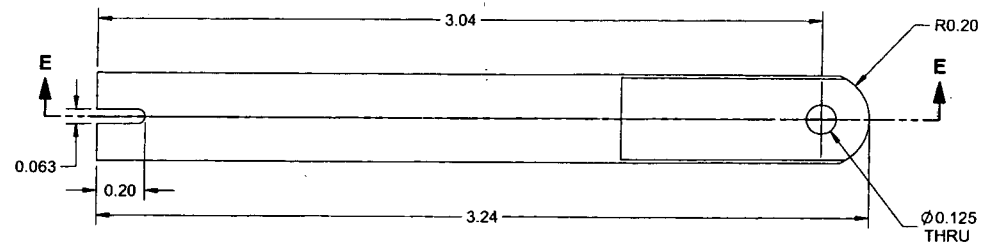
83063

5/16-18 UNC-2B
0.60 DP

Ø 0.375
0.370



SECTION E-E



D4522-25 LATCH SHAFT

NOTES:

- 1) MATERIAL: AISI 303 SS ROUND BAR PER ASTM A582
REF DART SPEC M303B OR
AISI 304/316 SS ROUND BAR PER ASTM A276
REF DART SPEC M304R
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART-QSI 044 6.6 OR 6.7
- 7) WEIGHT: N/A

| | | | |
|------------|--------------------|--|--------|
| DESIGN | RP | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWN | RP | | |
| CHECKED | <i>[Signature]</i> | DRAWING NO. D4522 | REV. A |
| MFG. APPR. | <i>[Signature]</i> | SHEET 22 OF 25 | |
| APPROVED | <i>[Signature]</i> | TITLE | SCALE |
| DE APPR. | <i>[Signature]</i> | DOOR LATCH-ASSY-(412)- | |
| DATE | 12.02.24 | <small>COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small> | |

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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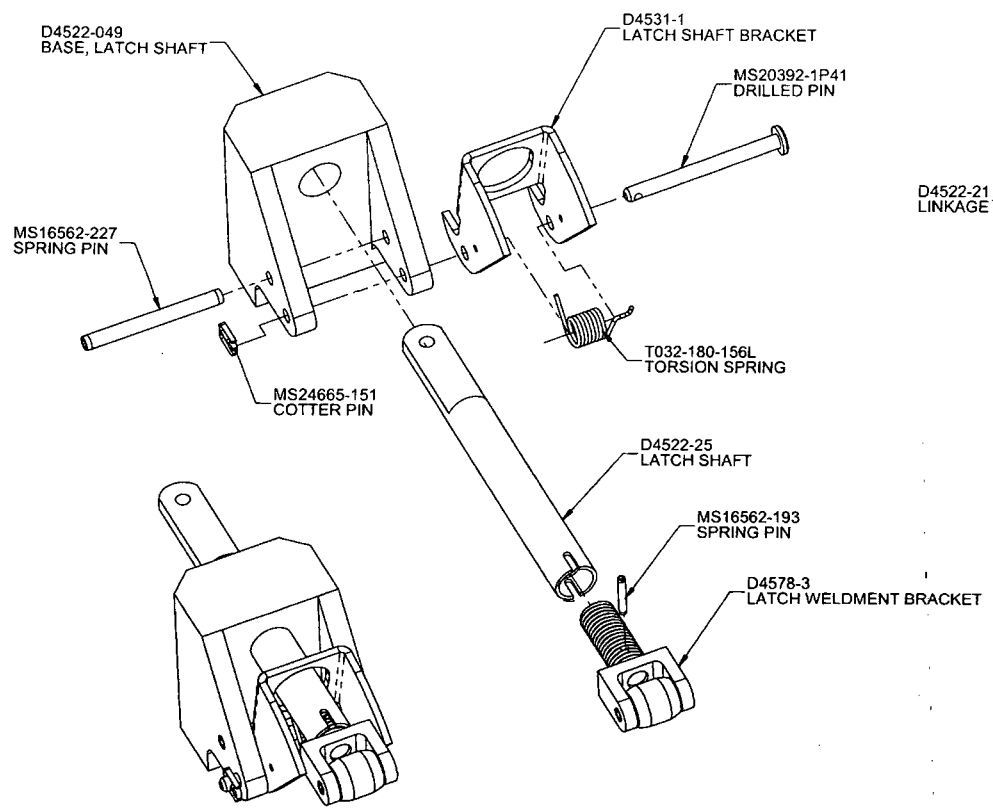
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

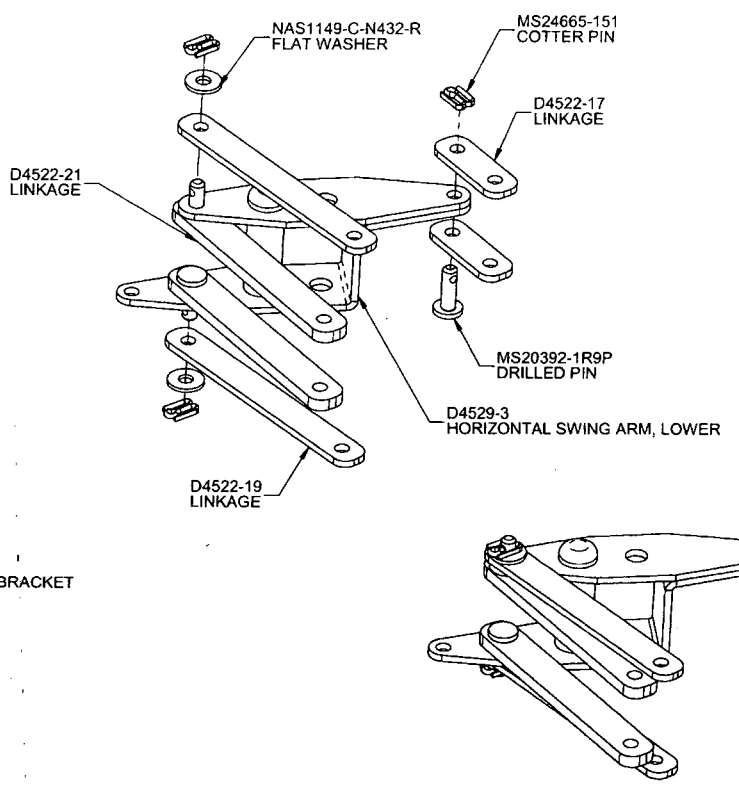
| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

03063



RECOMMENDED ASSEMBLY DETAIL #1
(LATCH SUB-ASSEMBLY)



RECOMMENDED ASSEMBLY DETAIL #2
(LINKAGE SUB-ASSEMBLY)

RELEASED
R 2012-03-01
MP

| | | | |
|------------|----------|--|----------------|
| DESIGN | RP | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWN | RP | | |
| CHECKED | | DRAWING NO. | REV. A |
| MFG. APPR. | | D4522 | SHEET 23 OF 25 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | DOOR LATCH ASSY (412) | NTS |
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| W/O: | | WORK ORDER CHANGES | | | | | |
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| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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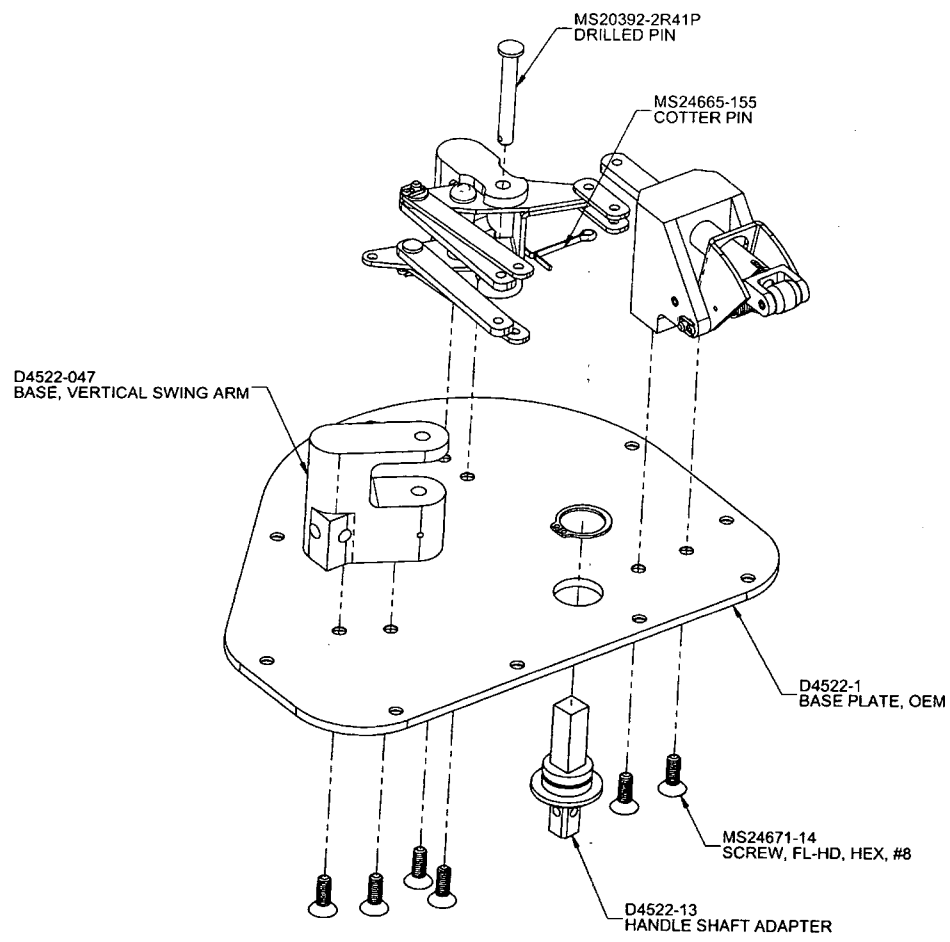
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
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| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

83063



RECOMMENDED ASSEMBLY DETAIL #3
(MAIN COMPONENTS TO BASE PLATE)

RELEASED
2012-03-08

(D4522-041 SHOWN)

| | | | |
|------------|--------------------|---|--------|
| DESIGN | RP | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWN | RP | | |
| CHECKED | <i>[Signature]</i> | DRAWING NO. D4522 | REV. A |
| MFG. APPR. | <i>[Signature]</i> | SHEET 24 OF 25 | |
| APPROVED | <i>[Signature]</i> | TITLE | SCALE |
| DE APPR. | <i>[Signature]</i> | DOOR LATCH ASSY (412) | NTS |
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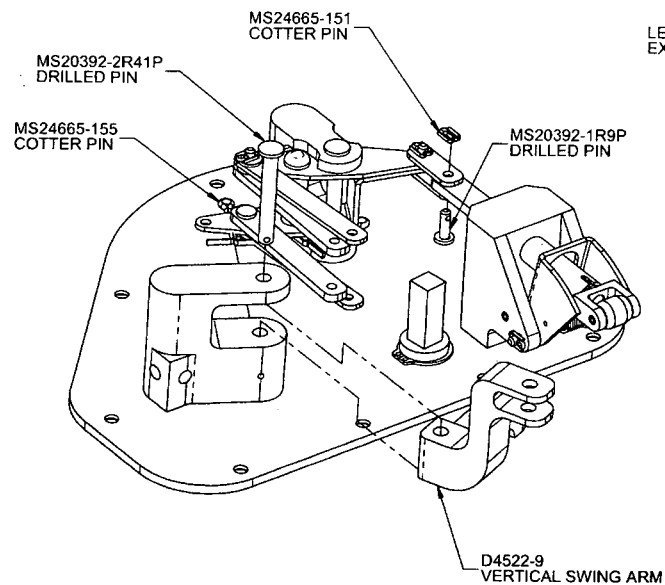
| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
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| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries



RECOMMENDED ASSEMBLY DETAIL #4
(VERTICAL SWING ARM, TENSION SPRING, LATCH LINKAGE)

****ASSEMBLE LAST****

LE04500SS
EXTENSION SPRING (LEE SPRING)

NAS42DD628FC
SPACER

MS20392-2R41P
DRILLED PIN

MS20392-1R37P
DRILLED PIN

MS16562-223
SPRING PIN

D4574
INTERIOR HANDLE

RECOMMENDED ASSEMBLY DETAIL #5
(HORIZ SWING ARM & HANDLE)

RELEASED
R 2012-03-08

(D4522-041 SHOWN)

| | | | |
|------------|----------|--|----------------|
| DESIGN | RP | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWN | RP | | |
| CHECKED | | DRAWING NO. | REV. A |
| MFG. APPR. | | D4522 | SHEET 25 OF 25 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | DOOR LATCH ASSY (412) | NTS |
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| W/O: | | WORK ORDER CHANGES | | | | | |
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| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
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| | | | | | | | | |

NOTE: Date & initial all entries

